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IDEALIST

PROJECT HEADQUARTERS
DIRECTIVE 50-10-28

OPERATIONS
20 June 1966

Supersedes PHD #50-1095-1 dated 31 March 1964

STANDARD OPERATING PROCEDURES - CAMERA

1. PURPOSE:

To provide standard operating procedures for camera operation on all Headquarters directed missions.

2. GENERAL:

Procedures outlined herein are those intended to provide maximum photographic quality and equipment reliability. Headquarters will attempt to anticipate deviations occasioned by local operating conditions or seasonal variations, and forward necessary instructions. However, it is recognized that information concerning field conditions may not always be available in sufficient detail, or in sufficient time to direct deviations. In those instances, and if time permits, the Detachment will notify Project Headquarters of any local operating conditions which may affect compliance with this directive. If time does not permit prior consultation with Headquarters, deviations are authorized at the discretion of the Detachment Commander. In such instances Project Headquarters will be advised of the scope and reason for such deviations.

3. PROCEDURE:

a. All photographic equipment will be thoroughly bench checked prior to a photographic mission.

b. All camera windows will be cleaned inside and outside, and inspected for significant scratches, and nicks.

c. Cameras will be thoroughly preflighted after installation in the aircraft. Senior Special Equipment man will sign off equipment prior to flight to indicate that all ground tests have been completed and cameras are in operating order.

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d. Data Chamber Clock will be hacked to ZULU time and this time will be recorded on the preflight sheet.

e. Camera port covers will be removed from aircraft prior to take off roll.

f. Camera heaters and blowers will be in the "ON" position from take off to landing. For Delta series cameras heater blowers should be turned "OFF" when the cameras are turned to one of the Mode positions, and turned back "ON" again when the camera goes to "OFF" or "STANDBY".

g. Cycle cameras once when reaching cruise altitude, and once just prior to penetration. A single cycle in Mode I for the "B" Configuration and four cycles (approximately 30 seconds) for the Delta Configuration is sufficient.

h. Upon return from a photographic mission, Special Equipment personnel will:

(1) Inspect outside surfaces of camera ports for breaks, dirt, oil, or condensation which might affect photographic quality.

(2) Replace port covers.

(3) Conduct a thorough post-flight of all camera and associated equipment, making a note of discrepancies and malfunctions which would be useful in evaluating equipment performance.

(4) Record error of Data Chamber Clock and the time on the preflight sheet.

i. After processing of tracker film, head and tail of each roll of film should be marked with mission number, date, unit designation, and security classification, before making prints or dupes.

4. Camera procedures to be utilized prior to departure from home base and enroute to a pre-strike staging base.

a. Complete thorough camera preflight and loading of film.

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- b. Leave camera port covers on.
- c. Do not cycle camera between home base and staging base.
- d. Camera heaters and blowers on from take off to landing.

5. CAMERA SETTINGS:

Camera settings to be used on a mission will be forwarded to Detachment by Project Headquarters and will normally be included in the Alert Message [REDACTED]

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a. Bravo camera standard settings with 8402 or 3401 film:

- (1) $\frac{1}{150}$ TOT
- (2) F/10 for film processed at Eastman Kodak.
F/16 for film processed in the field.
- (3) $57\frac{1}{2}\%$ overlap.
- (4) Wratten 12 filter.

b. Bravo camera standard settings with 3400 film:

- (1) $\frac{1}{150}$ TOT ($\frac{1}{100}$ for solar altitudes less than 20°).
- (2) F/10 whether processed locally or at Eastman Kodak.
- (3) $57\frac{1}{2}\%$ overlap.
- (4) Wratten 12 filter.

c. Delta III camera standard settings:

- (1) 1/400 sec. - F/3.5, 3404 film.
- (2) Mode selection: Mode 1, 2, or 3 dependent upon ground velocity and altitude.

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d. Mark II Tracker standard settings:

- (1) 32 second interval.
- (2) Wratten 25 filter at Detachment "G".
Wratten 12 filter at Detachment "H".
- (3) Tracker to be operated from take off to landing.

e. T-35 Tracker standard settings:

- (1) 30 second interval.
- (2) Wratten 12 filter, 3404 film.
- (3) F 4.0 aperture.
- (4) Tracker is to be operated from take off to landing.

f. Paragraph F. of Alert Message [REDACTED] will give camera settings as "Standard" unless a change is required. The word "Standard" when referring to camera settings will denote the contents of paragraphs 5a through 5e.

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6. Proposed revisions, suggested changes, or additions to this directive will be forwarded to Project Headquarters.



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PROJECT HEADQUARTERS
DIRECTIVE 50-10-7

OPERATIONS
20 June 1966

Supersedes OPL #24 dated 14 July 1961

COMMANDER'S REPORT

1. PURPOSE:

To establish the requirement for submission of a monthly Commander's Report.

2. RESPONSIBILITY:

The Commander of each permanent IDEALIST Detachment is responsible for ensuring compliance with the provisions of this Directive.

3. PREPARATION AND SUBMISSION:

a. The report will be prepared as of 2400 hours local time on the last day of each month and submitted not later than the fifteenth day of the following month.

b. Original and three copies will be pouched to Project Headquarters.

4. GENERAL:

a. Although the report is not intended as a monthly history of the Detachment it can provide a permanent record of important activities of the Detachment.

b. The report is not intended as a vehicle for surfacing new problem areas which should have been reported by message as they were identified. The report can and should be used, however, to report those problems which have been previously reported and for which no satisfactory corrective action has been initiated.

c. The types of information to be included in Part I of the report are discretionary with the Detachment Commander. Generally speaking, the report should include important items of information not previously reported and those which the Detachment Commander considers worthy of repetition. Additionally, repetitive occurrences which are indicative of a

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developing trend and which might not be readily apparent to Project Headquarters, by a reading of daily message traffic, should be included.

d. Part II of the report will contain a compilation of statistical data. Although most of the data contained in this part of the report will have been made available to Project Headquarters by daily message traffic, inclusion will provide a means for verification of Headquarters' records as well as permanent, readily available source of information at Headquarters.

e. The Attachment illustrates the desired reporting format and contains items of information, extracted from previous reports, which may be used as a guide for the preparation of future reports.

f. Detachment Commanders are authorized to make changes in report format as necessary to meet local conditions.

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Attachment:

Format and Sample Report

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